
(19)		Canadian Intellectual Property Office	Office de la Propriété Intellectuelle du Canada	(11)	CA 230659	(13)	A
		An Agency of Industry Canada	Un organisme d'industrie Canada	(40)	01.05.1923		

(12)

(21) Application number: **230659D** (51) Int. Cl:

(22) Date of filing: ..

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(54) **BINDER**
(54) **RELIURE**

(57) **Abstract:**

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This invention relates to new and useful improvements in binders, and the object of the invention is to provide a simple, efficient, inexpensive and adjustable binder for loose leaf books and the like.

The invention resides essentially in the provision of a post and screw, which are drilled to allow the passage of a cord, wire or other material therethrough. The post is flanged at one end and tapped at the other end to receive a screw. The screw is provided with a flange. The material to be bound is punched or cut and placed on the binding post and against the flange. The screw is then screwed into position and the material is thus held in position between the flange of the screw and the flange of the binding post. A hole is provided through the screw and the binding post to provide means for a hanger or handle.

In the drawings;-

Fig. 1 is a longitudinal section of the screw and binder post.

Fig. 2 is an elevation of the binder post and screw.

Fig. 3 is a sectional elevation on the line 3-3, Figure 1.

Fig. 4 is a fragmentary perspective view of the binder in use with cord attachment.

Fig. 5 is a perspective view of the device used for binding samples of fabric and the like.

Referring more particularly to the drawing, 11 designates the binding post and is provided with a flange 12 at one end. The flange is rounded off at the outside corner 13 to prevent sharp edges from coming in contact with fingers and the like when handling it. A hole 14 is drilled and tapped at one end to receive a screw 15. At the other end of the binding a hole 16 is drilled about midway through the

post and large enough in diameter to clear the tops of the thread of the screw. The screw is provided with a flanged end 17 with its outside corner rounded off for easy handling. A hole 18 is drilled through the screw for the passage of a string 19, or wire or the like, for hanging purposes. The corners 20 and 21 are rounded off to prevent the cutting of the hanger, as is also the corner 22 of the binding post. To allow the screw flange to engage with the end of the binding post, a recess 23 is provided large enough to allow the unscrew portion of the shank free movement. In Figure 4, I have shown the binding post and screw used for filing the papers 24 and the cord 19 hanging on a nail 25. In Figure 5, the device is used as a traveller's sample binder. The fabrics 26 or the like are placed between the cardboard distance pieces 27. The binding post and screw binds the cardboard and samples together.

Slight modification may be made in the length and section of the binding post without departing from the spirit of the invention. A square binding post will hold the papers in alignment and only one post is necessary for this purpose. The device may also be incorporated in the loose-leaf notebook type of holder.

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Having thus described my invention, what I

claim is:-

1. In a binder, a binding post with a flange at one end, a hole drilled longitudinally through said post and tapped, a screw with a flanged end, said screw being adapted to engage with the screwed portion of the hole in the binder post, and a hole drilled longitudinally through the screw for the purpose specified.

2. In a binder, a binding post with a flange at one end, a longitudinally drilled hole through the binding post, said hole being of two diameters, one part screwed and the other part of slightly larger diameter than the bottom of the threads in the screwed portion, a screw with a flanged end and adapted to engage with the screwed portion of the binding post, a recess in the screwed portion of the post to allow the flange of the screw to engage with the end of the binding post, and a hole drilled longitudinally through the screw for the purpose specified.

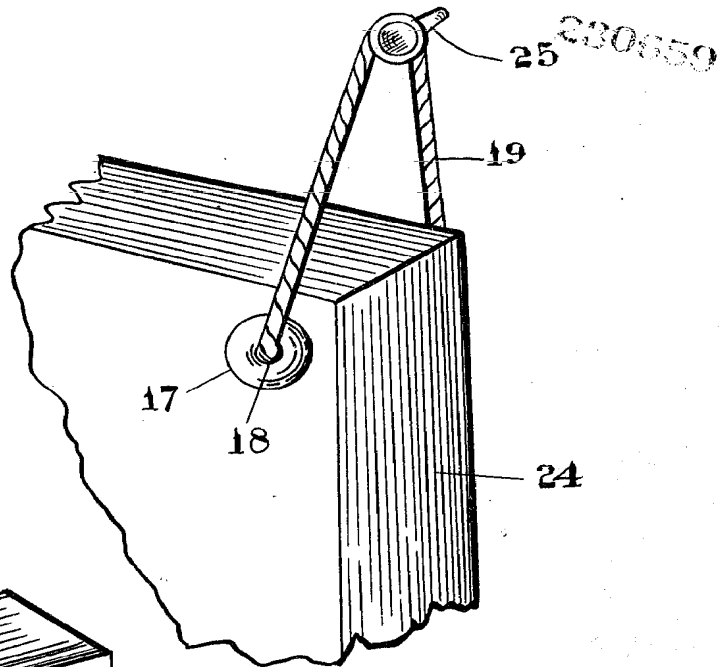


FIG. 4

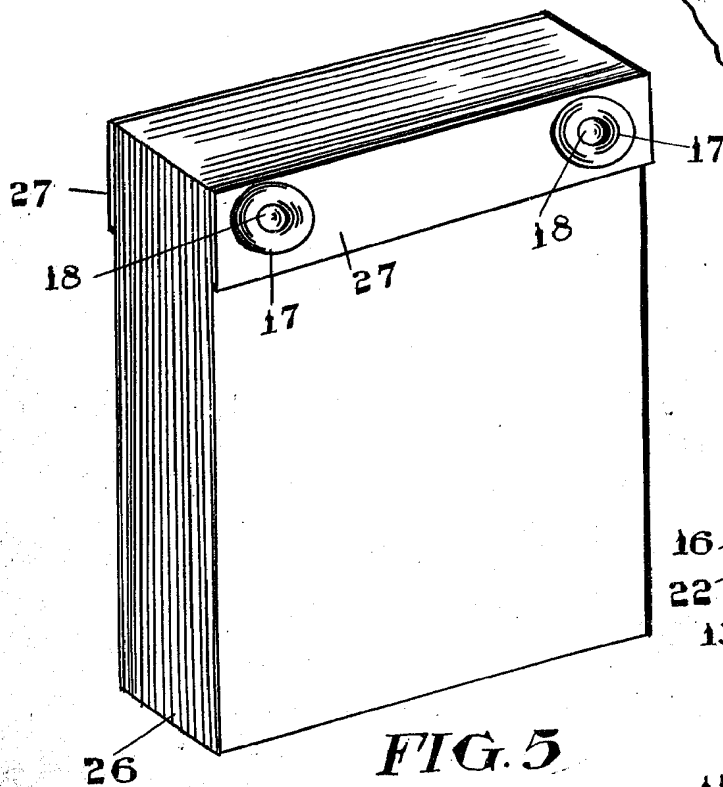


FIG. 5

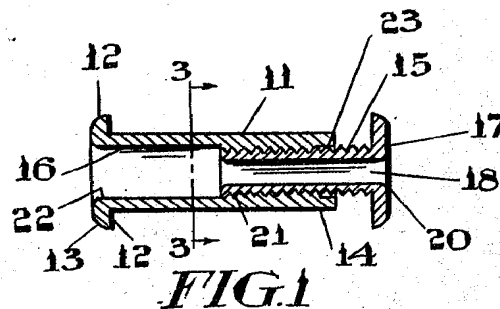


FIG. 1

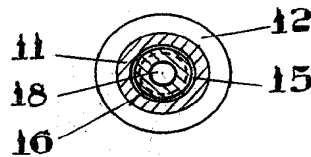


FIG. 3

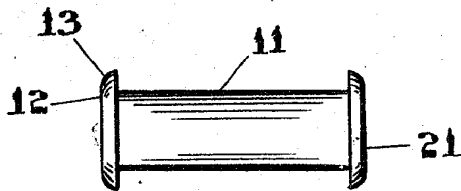


FIG. 2

WITNESSES

Certified to be the Drawings referred to
in the Specification hereunto annexed

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